

PTD-1449	U.S. DEPT. OF COMMERCE PATENT & TRADEMARK OFFICE	Application No	09/661,731
LIST OF PRIOR ART CITED BY APPLICANT		Filing Date	September 14, 2000
		First Named Inventor	Daniel M. Jensen
		Group Art Unit	1722
		Examiner Name	Robert Davis
		Attorney Docket	0818.ACB.PT
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U.S. PATENT DOCUMENTS							
EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RP	AA	3,062,669	Nov. 6, 1962	Dilner			
RP	AB	3,558,107	Jan 26, 1971	Williams			
RP	AC	3,602,358	Aug 31, 1971	Jakobsson			
RP	AD	3,618,279	Nov 9, 1971	T.F. Sease			
RP	AE	3,640,511	Feb 8, 1972	Dills, Jr.			
RP	AF	3,661,604	May 9, 1972	Armann			
RP	AG	3,708,148	Jan 2, 1973	Göransson	249	111	
RP	AH	3,780,484	Dec 25, 1973	Muse			
RP	AI	3,809,516	May 7, 1974	Komaki	425	150	
RP	AI	3,887,159	Feb. 18, 1975	Ergenz			
RP	AK	3,902,911	Sep 2, 1975	Messenger			
RP	AL	3,979,217	Sep 7, 1976	Sutton			
RP	AM	4,057,608	Nov 8, 1977	Hashimoto et al.	264	42	
RP	AN	4,069,809	Jan 24, 1978	Strand			
RP	AO	4,124,669	Nov 7, 1978	Urmston	264	42	
RP	AP	4,125,979	Nov. 21, 1978	McLaughlin			
RP	AQ	4,135,940	Jan 23, 1979	Peltier	264	42	
RP	AR	4,138,892	Feb 13, 1979	Davis	249	170	
RP	AS	4,174,936	Nov. 20, 1979	Göransson	425	385	
RP	AT	4,268,317	May 19, 1981	Rayl			
RP	AU	4,329,178	May 11, 1982	Kalvenes et al.			
RP	AV	4,351,670	Sep 28, 1982	Grice			
RP	AW	4,357,289	Nov 2, 1982	Jakobsson	264	42	
RP	AX	4,373,092	Feb. 8, 1983	Lopez			
RP	AY	4,373,935	Feb 15, 1983	Bouchard et al.			
RP	AZ	4,383,862	May 17, 1983	Dyson			
RP	BA	4,398,958	Aug 16, 1983	Hudson et al.			
RP	BB	4,415,366	Nov 15, 1983	Copening			
RP	BC	4,422,989	Dec 27, 1983	Huns et al.	264	42	
RP	BD	4,465,719	Aug. 14, 1984	Grice			
RP	BE	4,466,833	Aug 21, 1984	Spangle			
RP	BF	4,475,326	Oct 9, 1984	Hanson			

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			Group Art Unit	<i>Robert Davis</i> 1702
			Examiner Name	<i>Robert Davis</i>
			Attorney Docket	0818.ACB.PT

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EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>RP</i>	BG 4,501,830	Feb 26, 1985	Miller et al.			
<i>RP</i>	BH 4,528,883	Jul. 16, 1985	Göransson <i>et al.</i>			
<i>RP</i>	BI 4,547,331	Oct 15, 1985	Batstra	204	333	
<i>RP</i>	BJ 4,587,279	May 6, 1986	Salzer et al.			
<i>RP</i>	BK 4,613,472	Sep 23, 1986	Svanholm	204	42	
<i>RP</i>	BL 4,648,223	Mar 10, 1987	Richard			
<i>RP</i>	BM 4,659,054	Apr 21, 1987	Allen	249	7	
<i>RP</i>	BN 4,673,437	Jun 16, 1987	Gelbman	204	336	
<i>RP</i>	BO 4,694,629	Sep 22, 1987	Azimi			
<i>RP</i>	BP 4,726,923	Feb 23, 1988	Richard	204	250	
<i>RP</i>	BQ 4,729,859	Mar 8, 1988	Munsey et al.	204	71	
<i>RP</i>	BR 4,789,244	Dec 6, 1988	Dunton et al.			
<i>RP</i>	BS 4,828,618	May 9, 1989	De Chiffre et al.			
<i>RP</i>	BT 4,871,395	Oct 3, 1989	Sugama			
<i>RP</i>	BU 4,872,913	Oct 10, 1989	Dunton, et al.			
<i>RP</i>	BV 4,895,450	Jan 23, 1990	Holik			
<i>RP</i>	BW 4,895,598	Jan 23, 1990	Hedberg, et al.			
<i>RP</i>	BX 4,900,359	Feb 13, 1990	Gelbman			
<i>RP</i>	BY 4,902,211	Feb 20, 1990	Svanholm	425	88	
<i>RP</i>	BZ 4,932,786	Jun 12, 1990	Hihara et al.			
<i>RP</i>	CA 4,941,813	Jul 17, 1990	Grubb, Jr. et al.	425	195	
<i>RP</i>	CB 5,002,620	Mar. 26, 1991	King			
<i>RP</i>	CC 5,024,035	Jun 18, 1991	Hanson et al.			
<i>RP</i>	CD 5,102,228	Apr 7, 1992	Vine-Lott			
<i>RP</i>	CE 5,110,839	May 5, 1992	Chao			
<i>RP</i>	CF 5,112,405	May 12, 1992	Sanchez			
<i>RP</i>	CG 5,183,505	Feb 2, 1993	Spinney			
<i>RP</i>	CH 5,226,275	Jul 13, 1993	Trahan			
<i>RP</i>	CI 5,379,565	Jan. 10, 1995	Vienne			
<i>RP</i>	CJ 5,387,282	Feb 7, 1995	Jakel			
<i>RP</i>	CK 5,397,516	Mar 14, 1995	Sikaffy	204	42	
<i>RP</i>	CL 5,421,135	Jun 6, 1995	Stevens et al.			

Examiner: Robert Davis

Date considered: 11/3/02

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		Group Art Unit	1722
		Examiner Name	Robert Davis
		Attorney Docket	0818.ACB.PT
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EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RP	CM	5,457,926	Oct 17, 1995	Jensen			
RP	CN	5,472,498	Dec 5, 1995	Stephenson et al.			
RP	CO	5,494,513	Feb 27, 1996	Fu et al.			
RP	CP	5,518,312	May 21, 1996	Inoue et al.	366	293	
RP	CQ	5,522,658	Jun. 4, 1996	John	366	15	
RP	CR	5,564,823	Oct 15, 1996	Holik	366	6	
RP	CS	5,566,521	Oct 22, 1996	Andrews et al.			
RP	CT	5,569,426	Oct 29, 1996	Le Blanc	264	122	
RP	CU	5,595,596	Jan 21, 1997	Marcotullio et al.			
RP	CV	5,775,047	Jul. 7, 1998	Jensen			
RP	CW	5,797,238	Aug 25, 1998	Berntsson et al.	264	228	
RP	CX	5,802,793	Sep 8, 1998	DeVore Jr.			
RP	CY	5,814,255	Sep 29, 1998	Weiser et al.	425	110	
RP	CZ	5,852,077	Dec 22, 1998	Zawada et al. Zawada et al.			
RP	DA	5,930,964	Aug. 3, 1999	Boehning			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
RP	DB	WO 80/00811	May 1, 1980	WIPO			
RP	DC	0060950 B1	9/1985 Oct 13, 1981	England EPO			
RP	DD	0090781 B1	11/1986 Mar 15, 1982	England EPO			
RP	DE	0241473 B1	9/1989 Jan 20, 1986	England EPO			
RP	DF	0428756B1	5/1984 Jun 5, 1990	France EPO			
RP	DG	EP0573654B1	3/1997 Sep 18, 1992	France EPO			
RP	DH	EP0644024B1	7/1998 Sep 8 1994	Germany EPO			
RP	DI	EP0722916A1	7/1996 Dec 27, 1995	Italy EPO			
RP	DJ	WO93/24425	Dec 9, 1993	USPCT WIPO			
RP	DK	WO93/08007	Apr 29, 1993	USPCT WIPO			
RP	DL	WO96/28289	Sep 19, 1996	USPCT WIPO			
RP	DM	WO97/06120	Feb 20, 1997	USPCT WIPO			
RP	DN	WO88/06084	25 Aug 1988	USPCT WIPO			
RP	DO	JP6409880 JP6409880 A	Jan 13, 1989	Japan			No

Robert Davis

Date considered 11/3/02

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		Attorney Docket	0818.ACB.PT
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>RP</i>	DP	JP04198056 A	Jul 17, 1992	Japan				No
<i>RP</i>	DQ	JP06321650 A	Nov 22, 1994	Japan				No
<i>RP</i>	DR	JP07048183 A	Feb 21, 1995	Japan				No
<i>RP</i>	DS	JP09110553 A	Apr 28, 1997	Japan				No

OTHER PRIOR ART (Including Author, Title, Pertinent Pages, Etc.)

EXAMINER	<i>Robert Davis</i>	DATE CONSIDERED	<i>1/3/02</i>
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>RP</i>	AA	2,092,324	Aug. 25, 1936	Thomson			
<i>RP</i>	AB	3,177,281	Apr. 6, 1965	Urmansky			
<i>RP</i>	AC	3,905,586	Sep. 16, 1975	Wall, Jr.			
<i>RP</i>	AD	4,050,865	Sep. 27, 1977	Drostholm <i>et al.</i>	425	183	
<i>RP</i>	AE	4,167,549	Sep. 11, 1979	Creskoff	264	42	
<i>RP</i>	AF	4,613,627	Sep. 23, 1986	Sherman <i>et al.</i>	264	45.3	
<i>RP</i>	AG	4,655,979	Apr. 7, 1987	Nakano <i>et al.</i>	264	42	
<i>RP</i>	AH	Re. 32,673	May 24, 1988	Schubert <i>et al.</i>	264	42	
<i>RP</i>	AI	4,830,508	May 16, 1989	Higuchi <i>et al.</i>	366	152	
<i>RP</i>	AJ	4,836,762	Jun. 6, 1989	Davis, Jr.	425	89	
<i>RP</i>	AK	4,904,427	Feb. 27, 1990	Kojima	264	42	
<i>RP</i>	AL	4,961,887	Oct. 9, 1990	Crumpler <i>et al.</i>	264	40.4	
<i>RP</i>	AM	5,074,774	Dec. 24, 1991	Nose <i>et al.</i>	425	260	
<i>RP</i>	AN	5,110,084	May 5, 1992	Hihara <i>et al.</i>	264	333	
<i>RP</i>	AO	5,709,827	Jan. 20, 1998	Andersen <i>et al.</i>	264	42	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
<i>RP</i>	AP	JP 3-75131 A	Mar. 1991	Japan			YES
	AQ						NO

OTHER PRIOR ART (Including Author, Title, Pertinent Pages, Etc.)

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		First Named Inventor	Daniel M. Jensen
		Group Art Unit	4732, 1722
		Examiner Name	Robert Davis
Sheet 1 of 1		Attorney Docket Number	0818.ACB.PT



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U.S. PATENT DOCUMENTS						
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RP	AA 1,433,300	Oct. 24, 1922	Quillet			
RP	AB 1,554,585	Sep. 22, 1925	Lake			
RP	AC 2,585,193	Feb. 12, 1952	Vesper			
RP	AD 4,966,463	Oct. 30, 1990	Hihara et al.	304	3	
RP	AE 5,078,586	Jan. 7, 1992	Holzschuh	425	195	
RP	AF 5,375,991	Dec. 27, 1994	Rydman et al.	425	144	
RP	AG 5,531,586	Jul. 2, 1996	Hyde	425	352	
RP	AH 5,587,187	Dec. 24, 1996	Bernade	425	406	
RP	AI 5,811,135	Sep. 22, 1998	Kimura	425	186	
RP	AJ 5,871,677	Feb. 16, 1999	Falke et al.	204	42	
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FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
RP	AP 2 124 538 A	Feb. 22, 1984	GB			
	AQ					

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